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health, environment, agriculture, basic sciences and engineering.

**5. PARTICIPATION**

Academicians, researchers, scientists, policy makers and implementers, and government officials working in the field of Agriculture, Food Security and Biotechnology in the developing/developed countries, are invited to participate in this international Conference.

**6. SUBMISSION OF NOMINATIONS**

Applications for participation are required to be submitted through duly filled-in prescribed form to COMSATS and ISESCO, at the contact addresses given at the end of this announcement on or before Monday, 16th March 2015.

The Egyptian applicants may, however, send their applications directly to NRC, Egypt.

The form should be completed in all respects. The submitted application should contain an extended abstract of the paper proposed to be presented in the Conference.

**Important Dates**

Submission of Abstract: 20<sup>th</sup> April 2015  
Notification of Acceptance: 25<sup>th</sup> April 2015  
Commencement of Conference: 08<sup>th</sup>-9<sup>th</sup> June 2015

**7. SELECTION CRITERIA**

The participants will be selected on the basis of the relevance and quality of the abstracts of their presentations/papers, qualification and expertise. Each selected participant will be required to present a country status report and/or a research/scientific paper on any of the topics in line with the theme of the Conference. Submission of the full manuscript of presentation material at least 15 days prior to the commencement of event (i.e. Monday, 25<sup>th</sup> May 2015) is a pre-condition to participation in the Conference.

**8. FINANCIAL SUPPORT****i) Travel Grants**

Travel grants and boarding and lodging (4 nights) will be provided by COMSATS and ISESCO to a limited number of individuals from the member countries, selected by the Scientific Committee.

*International Conference on*  
**'AGRICULTURE, FOOD  
SECURITY AND  
BIOTECHNOLOGY'**

June 8<sup>th</sup> – 9<sup>th</sup>, 2015  
Cairo, Arab Republic of Egypt



*Organized by*



## 1. INTRODUCTION

The enormous challenge of feeding a population of 4.6 billion in the developing countries expanding at 1.9 percent a year, with the available water and land resources, calls for more intense and focused efforts in agricultural applied research. In view of the growing environmental and economic concerns that define the rhetoric of sustainable development, there is dire need to identify and implement measures for sustainable agriculture. Increase in hunger, poverty, and malnutrition are still the most common problems in the developing world.

Despite the huge scientific advancement, no single innovation can provide a complete solution to these problems. Rather, attaining and sustaining food self-sufficiency require a combination of many technological inputs and techniques. Biotechnology is one of the most advanced fields with great potential of providing the needed solutions. It spreads to a wide range of areas including life sciences, chemistry, agriculture, environmental science, medicine, engineering, and computer sciences.

With a view to providing an interdisciplinary forum for the academicians, scientists and researchers to deliberate upon the aforementioned issues and highlight the significance of this field, the Commission on Science and Technology for Sustainable Development in the South (COMSATS), Islamabad, Pakistan, in collaboration with the Islamic Educational Scientific and Cultural Organization (ISESCO), and COMSATS' Centre of Excellence in Egypt, National Research Centre (NRC), is organizing a two-day International Conference on 'Agriculture, Food Security and Biotechnology', on June 8th – 9th 2015 in Cairo, Egypt.

## 2. OBJECTIVES OF THE WORKSHOP

The key objectives of this international Conference are to:

- Provide a forum to scientists, researchers, technologists and faculty members to update and share the recent developments in the field of agriculture and biotechnology;
- Provide opportunity to the delegates for knowledge-sharing on the understanding, current status and needs of food security;
- Build and strengthen linkages among R&D/S&T organisations working in the field of agriculture, biotechnology and food security for effective

South-South cooperation;

- Increase awareness on the benefits of biotechnology in relation to agriculture and food security;
- Make recommendations to the policy makers for developing policies and strategies to support biotechnology in the common member countries of COMSATS and ISESCO.

## 3. PROGRAMME OF THE CONFERENCE

The Conference will be held in Cairo, Egypt, on 8th – 9th June 2015. The detailed programme will be made available to the participants in due course of time.

## 4. ABOUT THE ORGANISERS

### i) COMSATS

The Commission on Science and Technology for Sustainable Development in the South (COMSATS) is an inter-governmental organisation working for the S&T-led socio-economic uplift of the developing countries. It was established in 1994 and has its Headquarters located in Islamabad, Pakistan. COMSATS has 21 Member Countries across three continents; Latin America, Africa and Asia. COMSATS' programmes of South-South cooperation in S&T are being implemented through an International Network of nineteen S&T Centres of Excellence, which are leading research institutions in developing countries. ([www.comsats.org](http://www.comsats.org))

### ii) ISESCO

The Islamic Educational, Scientific and Cultural organization (ISESCO) is one of the largest international organizations of Islamic Countries based in Rabat, Morocco. ISESCO aims at strengthening, and promoting cooperation among Islamic Countries in the fields of education, science, culture and communication, developing applied sciences and use of advanced technology within the framework of Islamic values and ideals, and contributing to the global efforts of world peace and security. ([www.isesco.org.ma](http://www.isesco.org.ma))

### iii) NRC

The National Research Centre (NRC) is the largest multidisciplinary R&D centre in Egypt, devoted to basic and applied research within the major fields of national interest. The Centre was established as an independent public organization in 1956, with the aim to "foster basic and applied scientific research, particularly in industry, agriculture, public health and other sectors of national economy". The Centre consists of 14 divisions and 111 departments covering the major areas of industry,

## REGISTRATION FORM

*International Conference on*

### **'AGRICULTURE, FOOD SECURITY AND BIOTECHNOLOGY'**

*June 8<sup>th</sup> - 9<sup>th</sup>, 2015  
Cairo, Arab Republic of Egypt*

Name (as per passport) \_\_\_\_\_

Designation \_\_\_\_\_

Institution/Organization \_\_\_\_\_

Highest Qualification \_\_\_\_\_

Present Field of Activity \_\_\_\_\_

Postal Address \_\_\_\_\_

City \_\_\_\_\_ Country \_\_\_\_\_

Passport No. \_\_\_\_\_

Tel. \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

Last date for registration as a participant is April 20, 2015.